

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	14	US-6425395-\$.DID. OR US-5803076-\$.DID. OR US-4905683-\$.DID. OR US-4846166-\$.DID. OR US-4765325-\$.DID. OR US-4674492-\$.DID. OR US-4146025-\$.DID. OR US-5299448-\$.DID. OR US-4914957-\$.DID. OR US-5860418-\$.DID. OR US-5289819-\$.DID. OR US-3486366-\$.DID. OR US-2738669-\$.DID. OR US-2420372-\$.DID.	US- PGPUB; USPAT	ADJ	ON	2009/10/27 14:22
S2	30	("2449053"   "2738669"   "3486366"   "3580051"   "4146025"   "4590793").PN. OR ("4765325").URPN.	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/10/27 14:54
S3	1	10/599953.app.	US- PGPUB; USPAT	ADJ	ON	2010/03/08 13:11
S4	30	("2449053"   "2738669"   "3486366"   "3580051"   "4146025"   "4590793").PN. OR ("4765325").URPN.	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/08 13:35
S5	8	(control\$4 with negative with pressure) and ((fit test\$4) or fit-test\$4)	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/08 13:43
S6	2	crutchfield-clifton-\$in.	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/08 14:18
S7	0	crutchfield-clifton.in.	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/08 14:18
S9	47	(fit with test\$4) and respirator and (vacuum or (negative with pressure)) and @ad< "20040420"	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/08 14:43
S10	7	fit with test\$4) and respirator and (vacuum or (negative with pressure)) and @ad< "20040420" and piston	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/08 14:43
S11	250	(fit with test\$4) and (mask or respirator) and (vacuum or (negative with pressure)) and @ad< "20040420"	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/08 14:44
S12	23	(fit with test\$4) and (mask or respirator) and (vacuum or (negative with pressure)) and @ad< "20040420" and piston	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/08 14:44
S13	60	(air with leak\$4 with rate) same piston and @ad< "20040420"	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/08 14:56

S14	12	(air with leak\$4 with rate) same piston and @ad<"20040420" and vacuum	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/08 14:56
S16	1355	128/204.22-204.23.ccls. and @ad<"20061013"	US- PGPUB; USPAT	ADJ	ON	2010/03/24 10:39
S17	22	128/204.22-204.23.ccls. and @ad<"20061013" and mask and fit and vacuum	US- PGPUB; USPAT	ADJ	ON	2010/03/24 10:39
S18	26	128/204.22-204.23.ccls. and @ad<"20061013" and (mask or respirator) and fit and vacuum	US- PGPUB; USPAT	ADJ	ON	2010/03/24 10:40
S19	92	128/204.22-204.23.ccls. and @ad<"20061013" and (mask or respirator) and fit and (vacuum or negative pressure or suction)	US- PGPUB; USPAT	ADJ	ON	2010/03/24 10:42
S20	62	600/529,533,538.ccls. and @ad<"20061013" and (mask or respirator) and fit and (vacuum or negative pressure or suction)	US- PGPUB; USPAT	ADJ	ON	2010/03/24 11:18
S21	30	("2449053"   "2738669"   "3486366"   "3580051"   "4146025"   "4590793").PN. OR ("4765325").URPN.	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/24 11:29
S22	49	("2420372"   "2449053"   "2738669"   "3486366"   "3580051"   "4146025"   "4344144"   "4449392"   "4579115"   "4765325").PN. OR ("4846166").URPN.	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/24 11:32
S24	1	"5647356".pn.	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/24 11:42
S25	54	("0923776"   "2195563"   "2227959"   "2744523"   "2744524"   "2744525"   "2751904"   "2845927"   "3161491"   "3521630"   "4088461"   "4179274"   "4197841"   "4383956"   "4548626"   "4714486"   "4945907"   "4989598"   "5033507"   "5035239"   "5036844"   "5038775"   "5052385"   "5080094"   "5094236"   "5158077").PN. OR ("5647356").URPN.	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/24 11:42
S26	25	"128".clas. and stepper motor and vacuum and piston	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/24 13:22
S27	30	"128".clas. and stepper motor with piston	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/24 13:44
S28	30	"128".clas. and (stepper motor with piston)	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/24 13:44
S29	1	"128".clas. and (measure with piston with displacement with rate)	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/24 13:49

S30	4	"128".clas. and (measure with piston with displacement)	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/24 13:49
S31	23	"128".clas. and (piston with displacement with rate)	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/24 13:51
S32	7	valve with diaphragm with squeeze bulb	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/24 14:03
S33	1943	128/204.18,204.21.ccls. and @ad<"20061013"	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/24 16:25
S34	524	128/205.25,206.21,206.24,206.28.ccls. and @ad<"20061013" and (mask with fit)	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/24 16:25
S36	22	128/205.25,206.21,206.24,206.28.ccls. and @ad<"20061013" and (test\$4 with fit)	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/24 16:26
S37	6	128/204.18,204.21.ccls. and @ad<"20061013" and (mask or respirator) and (fit with test)	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/24 16:26
S38	55	73/40.ccls. and @ad<"20061013" and (test\$4 with fit)	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/24 16:54
S39	959	73/40.ccls. and @ad<"20061013"	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/24 16:54
S40	58	73/40.ccls. and @ad<"20061013" and (mask or respirator)	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/24 16:56
S41	20	73/37.ccls. and @ad<"20061013" and (mask or respirator)	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/03/25 19:06
S42	836	"128".clas. and vacuum and piston	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/08/26 11:32
S43	286	"128".clas. and vacuum same piston	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/08/26 11:33
S44	34	"128".clas. and vacuum same piston pump	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/08/26 11:37

S45	2	crutchfield-clifton-\$in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/01/12 19:22
S46	22	128/204.22-204.23.ccls. and @ad<"20061013" and mask and fit and vacuum	US-PGPUB; USPAT	ADJ	ON	2011/01/12 19:22
S47	26	128/204.22-204.23.ccls. and @ad<"20061013" and (mask or respirator) and fit and vacuum	US-PGPUB; USPAT	ADJ	ON	2011/01/12 19:22
S48	94	128/204.22-204.23.ccls. and @ad<"20061013" and (mask or respirator) and fit and (vacuum or negative pressure or suction)	US-PGPUB; USPAT	ADJ	ON	2011/01/12 19:22
S49	63	600/529,533,538.ccls. and @ad<"20061013" and (mask or respirator) and fit and (vacuum or negative pressure or suction)	US-PGPUB; USPAT	ADJ	ON	2011/01/12 19:23
S50	23	128/205.25,206.21,206.24,206.28.ccls. and @ad<"20061013" and (test\$4 with fit)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/01/12 19:23
S51	6	128/204.18,204.21.ccls. and @ad<"20061013" and (mask or respirator) and (fit with test)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/01/12 19:23
S52	59	73/40.ccls. and @ad<"20061013" and (mask or respirator)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/01/12 19:23
S53	20	73/37.ccls. and @ad<"20061013" and (mask or respirator)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/01/12 19:24

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	212152	(test or testing).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/06/02 17:54
L4	243818	(fit or leak\$4).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/06/02 17:54
L5	122662	(mask or respirator).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/06/02 17:54
L6	14502	inhal\$8.clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/06/02 17:54
L7	158535	(vacuum or (negative with pressure)).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/06/02 17:55
L8	0	2 adn 5	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/06/02 17:55
L9	3876	2 and 5	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/06/02 17:55
L10	183	2 and 5 and 4	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/06/02 17:55
L11	8	2 and 5 and 4 and 6	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/06/02 17:55

L13	26	4 and 5 and 7 and 6	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/06/02 17:57
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